

PTO/SB/08A (08-03) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Substitute for Form 1449A/PTO		APPLICATION NO.: 10/789,579	FILING DATE: February 26, 2004
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FIRST NAMED INVENTOR: Gary Piaget et al.	ART UNIT: 3764
(Use as many sheets as necessary)		EXAMINER NAME: Richman, Glenn E.	ATTY. DOCKET NO.: 2076/US/2

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	PATENT NUMBER	ISSUE DATE	Name of Patentee or Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>4</sup> (if known)	MM-DD-YYYY		
<i>GR</i>		5,669,856	09/23/1997	Liu	
<i>GR</i>		5,709,632	01/20/1998	Socwell	

## U.S. PUBLICATION DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	PUBLICATION NUMBER	PUBLICATION DATE	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>4</sup> (if known)	MM-DD-YYYY		
<i>GR</i>		2001/0016542 A1	08/23/2001	Yoshimura	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
<i>GR</i>		WO 01/58534 A	08/16/2001	Millennial Fitness LLC		

## NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>2</sup>	Include name of Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

The references cited above were cited in the European Search Report dated June 5, 2007, of corresponding European patent application No. 04 71 5796.

*GRichman 12/18/07*

<sup>1</sup> Applicant's unique citation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<b>PTO/SB/08A (08-03)</b> U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Substitute for Form 1449A/PTO				<b>APPLICATION NO.:</b> 10/789,579	<b>FILING DATE:</b> February 26, 2004
				<b>FIRST NAMED INVENTOR:</b> Douglas A. Crawford et al.	<b>ART UNIT:</b> 3764
				<b>EXAMINER NAME:</b> Richman, Glenn E.	<b>ATTY. DOCKET NO.:</b> 2076/US/2
(Use as many sheets as necessary)					

**U.S. PATENT DOCUMENTS**

<b>EXAMINER INITIALS*</b>	<b>Cite No.<sup>1</sup></b>	<b>PATENT NUMBER</b>	<b>ISSUE DATE</b>	<b>Name of Patentee or Cited Document</b>	<b>Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear</b>
		Number – Kind Code <sup>2</sup> (If known)	MM-DD-YYYY		
		5,162,029	11/10/1992	Gerard	
		5,792,029	08/11/1998	Gordon	
		6,893,383 B1	05/17/2005	Chang et al.	

**U.S. PUBLICATION DOCUMENTS**

<b>EXAMINER INITIALS*</b>	<b>Cite No.<sup>1</sup></b>	<b>PUBLICATION NUMBER</b>	<b>PUBLICATION DATE</b>	<b>Name of Applicant of Cited Document</b>	<b>Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear</b>
		Number – Kind Code <sup>2</sup> (If known)	MM-DD-YYYY		

**FOREIGN PATENT DOCUMENTS**

<b>EXAMINER INITIALS*</b>	<b>Cite No.<sup>1</sup></b>	<b>DOCUMENT NUMBER</b>	<b>PUBLICATION DATE</b>	<b>Name of Patentee or Applicant of Cited Document</b>	<b>Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear</b>	<b>T<sup>4</sup></b>
		Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (If known)	MM-DD-YYYY			

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

<b>EXAMINER INITIALS*</b>	<b>Cite No.<sup>2</sup></b>	<b>Include name of Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.</b>	<b>T<sup>3</sup></b>

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

The references cited above were cited in an International Search Report dated December 18, 2006, of corresponding International patent application No. PCT/US04/06140.

*G. Richman* 12/18/07

<sup>1</sup> Applicant's unique citation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (08-03) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Substitute for Form 1448A/PTO		APPLICATION NO.: 10/789,579	FILING DATE: February 26, 2004
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FIRST NAMED INVENTOR: Douglas A. Crawford et al.	ART UNIT: 3764
(Use as many sheets as necessary)		EXAMINER NAME: Richman, Glenn E.	ATTY. DOCKET NO.: 2076/US/2

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	PATENT NUMBER	ISSUE DATE	Name of Patentee or Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (If known)	MM-DD-YYYY		
gl	*	5,139,255	08/18/1992	Sollami	
gl	*	5,336,146	08/09/1994	Piaget et al.	
gl	*	5,626,539	05/06/1997	Piaget et al.	
gl	**	5,803,874	09/08/1998	Wilkinson	
gl	**	6,811,517 B1	11/02/2004	Eschenbach	
gl	**	6,811,519 B2	11/02/2004	Kuo	

## U.S. PUBLICATION DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	PUBLICATION NUMBER	PUBLICATION DATE	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (If known)	MM-DD-YYYY		

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (If known)	MM-DD-YYYY			

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>2</sup>	Include name of Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*The references cited and marked with an asterisk (\*) above were cited in an International Search Report dated June 19, 2006, of related International patent application No. PCT/US05/06747.

\*\*The references cited and marked with a double asterisk (\*\*) above were cited in an International Search Report dated July 26, 2006, of corresponding International patent application No. PCT/US05/06459.

*Gl Richman 12/18/07*

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

Express Mail Label No. EV 678 764 223 US

17-2  
MAILEDU.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Substitute for Form 1449A/PTOINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

APPLICATION NO.:	FILING DATE:
10/789,579	February 26, 2004
FIRST NAMED INVENTOR:	ART UNIT:
Douglas A. Crawford et al.	3764

EXAMINER NAME:	ATTY. DOCKET NO.:
Richman, Glenn E.	2076/US/2

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	PATENT NUMBER	ISSUE DATE	Name of Patentee of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>4</sup> (If known)	MM-DD-YYYY		
		5,054,770	10/08/1991	Bull	
		5,336,146	08/09/1994	Piaget et al.	
		6,461,279	10/08/2002	Kuo	

## U.S. PUBLICATION DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	PUBLICATION NUMBER	PUBLICATION DATE	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>4</sup> (If known)	MM-DD-YYYY		

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>5</sup> – Number <sup>4</sup> – Kind Code <sup>3</sup> (If known)	MM-DD-YYYY			

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>2</sup>	Include name of Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

The references cited above were cited in an International Search Report dated March 15, 2006, of related International patent application No. PCT/US2005/006753.

G. Richman 12/18/07

communication to applicant.

<sup>1</sup> Applicant's unique citation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2076/US/2	APPLN. NO. 10/789,579
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		APPLICANT: Douglas A. Crawford et al.	
		FILING DATE February 26, 2004	GROUP 3764

## **U.S. PATENT DOCUMENTS**

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>L</i>	International Search Report dated November 22, 2004, in corresponding International Application No. PCT/US04/05837.
EXAMINER	<i>G. Richman</i>
	DATE CONSIDERED <i>12/18/09</i>

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08a and PTO/SB/08b (04-07) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Substitute for Forms 1449A/PTO and 1449B/PTO		APPLICATION NO.:	FILING DATE:
		10/789,579	February 26, 2004
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		FIRST NAMED INVENTOR:	ART UNIT:
		Douglas A. Crawford et al.	3764
		EXAMINER NAME:	ATTY. DOCKET NO.:
		Richman, Glenn E.	2076/US/2

### U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	ISSUE DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>4</sup> (If known)	MM-DD-YYYY		
		3,711,812	01/16/1973	Cherry	
		3,826,491	07/30/1974	Elder	
		3,848,467	11/19/1974	Flavell	
		3,870,297	03/11/1975	Elder	
		4,364,556	12/21/1982	Otte	
		4,687,195	08/18/1987	Potts	
		4,708,337	11/24/1987	Shyu	
		4,708,338	11/24/1987	Potts	
		4,720,093	01/19/1988	Del Mar	
		4,749,181	06/07/1988	Pittaway et al.	
		4,831,242	05/16/1989	Englehardt et al.	
		4,842,266	06/27/1989	Sweeney, Sr. et al.	
		4,913,396	04/03/1990	Dalebout et al.	
		B1 4,913,396	05/18/1993	Dalebout et al.	
		B1 4,913,396	08/09/1994	Dalebout et al.	
		B3 4,913,396	06/20/1995	Dalebout et al.	
		4,974,831	12/04/1990	Dunham	
		4,998,725	03/12/1991	Watterson et al.	
		5,062,626	11/05/1991	Dalebout et al.	
		5,104,120	04/14/1992	Watterson et al.	
		5,149,084	09/22/1992	Dalebout et al.	
		5,171,196	12/15/1992	Lynch	
		5,192,255	03/09/1993	Dalebout et al.	
		B1 5,192,255	01/31/1995	Dalebout et al.	
		5,207,621	05/04/1993	Koch et al.	
		5,328,427	07/12/1994	Sleamaker	
		5,318,490	06/07/1994	Henderson et al.	
		5,365,934	11/22/1994	Leon et al.	
		5,403,252	04/04/1995	Leon et al.	
		Re. 34,959	05/30/1995	Potts	
		5,431,612	07/11/1995	Holden	
		5,433,679	07/18/1995	Szymczak et al.	
		5,462,504	10/31/1995	Trulaske et al.	
		5,484,362	01/16/1996	Skowronski et al.	
		5,489,249	02/06/1996	Brewer et al.	
		5,489,250	02/06/1996	Densmore et al.	

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	ISSUE DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
		5,545,112	08/13/1996	Densmore et al.	
		5,645,509	07/08/1997	Brewer et al.	
		5,650,709	07/22/1997	Rotunda et al.	
		5,747,955	05/05/1998	Rotunda et al.	
		5,752,897	05/19/1998	Skowronski et al.	
		5,800,314	09/01/1998	Sakakibara et al.	
		5,879,270	03/09/1999	Huish et al.	
		5,890,997	04/06/1999	Roth	
		D421,779	03/21/2000	Piaget et al.	
		6,095,951	08/01/2000	Skowronski et al.	
		6,099,439	08/08/2000	Ryan et al.	
		D429,509	08/15/2000	Garza	
		6,176,814 B1	01/23/2001	Ryan et al.	
		6,416,444 B1	07/09/2002	Lim et al.	
		6,443,875 B1	09/03/2002	Golen, Jr. et al.	
		6,454,682 B1	09/24/2002	Kuo	
		6,626,799 B2	09/30/2003	Watterson et al.	
		6,626,803 B1	09/30/2003	Oglesby et al.	
		6,676,569 B1	01/13/2004	Radow	
		6,730,002 B2	05/04/2004	Hald et al.	
		6,783,482 B2	08/31/2004	Oglesby et al.	
		6,918,858 B2	07/19/2005	Watterson et al.	
		7,060,008 B2	06/13/06	Watterson et al.	
		7,066,865 B2	06/27/06	Radow	
		7,179,202 B2	02/20/07	Marin et al.	

## U.S. PUBLICATION DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	PUBLICATION NUMBER	PUBLICATION DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
gr		2004/0147375 A1	07/29/2004	Stevens	
		2004/0192514 A1	09/30/2004	Piaget et al.	
		2004/0214693 A1	10/28/2004	Piaget et al.	
		2005/0043145 A1	02/24/2005	Anderson et al.	
		2005/0209052 A1	09/22/2005	Ashby et al.	
		2005/0209061 A1	09/22/2005	Crawford et al.	
hl		2005/0209060 A1	09/22/2005	Lull	
		2005/0233864 A1	10/20/2005	Smith et al.	

## **FOREIGN PATENT DOCUMENTS**

## **NON PATENT LITERATURE DOCUMENTS**

**Examiner Signature**

G.R., Chicago

**Date Considered**

2/18/07

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.